

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/02941

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B10/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 00 50944 A (PENG JIANGDE ;FENG KAI MING (US); CAI JIN XING (US); KHOSRAVANI RE) 31 August 2000 (2000-08-31)</p> <p>page 4, line 1 -page 5, line 16  page 8, line 6 - line 15  page 14, line 10 - line 13  page 16, line 4 - line 9  page 18, line 12 -page 20, line 11  page 30, line 18 -page 31, line 6  page 33, line 3 - line 12  page 35, line 6 - line 12  page 40, line 15 -page 41, line 6  page 51, line 12 -page 52, line 18  page 61, line 11 - line 18  claims 43,44  figures 11A,14A,14B,23A-23C  -----  -----</p>	1-7, 9-19,25, 26, 28-31, 33-37

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

Date of mailing of the international search report

16 January 2004

23/01/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 296 471 A (SIEMENS AG) 26 March 2003 (2003-03-26) abstract column 2, line 4 – line 26 column 2, line 55 –column 3, line 23 column 3, line 45 –column 5, line 2 column 6, line 20 – line 54 column 7, line 30 – line 49 ---	1-19, 25-37,39
E	WO 03 077449 A (LEVY SHMUEL ;TIPRIS MENACHEM (IL); WEISS ANTONY J (IL); AELIS PHOT) 18 September 2003 (2003-09-18)  page 6, line 12 – line 20 page 6, line 26 – line 29 page 7, line 4 –page 8, line 15 page 8, line 23 –page 10, line 12 ---	1-3,5,7, 9,11,13, 16,17, 25,28, 29,31, 34-36
A	WO 02 19001 A (YU QIAN ;LEE SANGGEON (US); WILLNER ALAN E (US); YAN LIANSHAN (US)) 7 March 2002 (2002-03-07) page 14, line 4 –page 15, line 16 ---	1,2,5, 18,25-29

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/02941

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0050944	A	31-08-2000	US	6330383 B1	11-12-2001
			AU	5265500 A	14-09-2000
			CA	2364322 A1	31-08-2000
			EP	1177470 A1	06-02-2002
			JP	2002543444 T	17-12-2002
			WO	0050944 A1	31-08-2000
			US	2003086647 A1	08-05-2003
			US	2001021294 A1	13-09-2001
EP 1296471	A	26-03-2003	DE	10147161 A1	30-04-2003
			DE	10147162 A1	15-05-2003
			DE	10147063 A1	24-04-2003
			EP	1296471 A2	26-03-2003
			US	2003103723 A1	05-06-2003
WO 03077449	A	18-09-2003	WO	03077449 A1	18-09-2003
WO 0219001	A	07-03-2002	AU	9502201 A	13-03-2002
			WO	0219001 A2	07-03-2002
			US	2002075477 A1	20-06-2002